

## □ Cleaning of semipermeable membranes in filtration units

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| PI | JP 52058078   | A2   | 19770513 | JP 1975-134314  | 19751108 |
| AB | A contaminated semipermeable <b>membrane</b> (parallel flow) filter unit (reverse osmosis or ultrafiltration) is regularly flushed in a short period with a high pressure gas to contact the <b>membrane</b> with a <b>gas-liq. mixt.</b> , thus <b>removing</b> the <b>contaminated</b> layer. The method is used for any shape of unit. Thus, a tubular cellulose acetate [9004-35-7] <b>membrane</b> filter unit for tap water was used 200 h, then flushed 3 min with N at 35 kg/cm <sup>2</sup> . The salt removal was 94.8% initially, 89.7% after 200 h use, and 94.7% after cleaning. |      |          |                 |          |